

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently Amended) A thermoplastic elastomer composition comprising
~~thermoplastic elastomers on the basis of a PP/EPDM~~ an isotactic polypropylene and EPDM blend, the EPDM being with cross-linked; EPDM phase and syndiotactic polypropylene present in an amount sufficient to function as a viscosity promoter amount.
2. (Currently Amended) A thermoplastic elastomer composition Thermoplastic elastomers, comprising:
ethylene propylene terpolymer[[s]],
isotactic polypropylene,
syndiotactic polypropylene present in an amount sufficient to function as a viscosity promoter,
mineral filler material,
mineral oil, and
cross-linking catalyst.
3. (Currently Amended) The thermoplastic elastomer[[s]] composition as defined in claim 2, wherein the ethylene propylene terpolymer has a ter-component selected from the group consisting of 1,4-hexadiene, dicyclopentadiene, and ethylidene norbornene.

4. (Currently Amended) The thermoplastic elastomer[[s]] composition as defined in claim 2, wherein the isotactic polypropylene is selected from the group consisting of polypropylene homopolymers and polypropylene copolymers.
5. (Currently Amended) The thermoplastic elastomer[[s]] composition as defined in claim 2, wherein the mineral filler material is materials are selected from the group consisting of calcium carbonate, talcum and kaolin.
6. (Currently Amended) The thermoplastic elastomer[[s]] composition as defined in claim 2, wherein the mineral oil is oils are selected from the group consisting of a naphthene-based solvent and a paraffin-based solvent[[s]].
7. (Currently Amended) The thermoplastic elastomer[[s]] composition as defined in claim 2, wherein the cross-linking catalyst is selected from the group consisting of tin-(II)-chloride and salicylic acid.
8. (Currently Amended) The thermoplastic elastomer[[s]] composition as defined in claim 2, wherein the further including an alkyl phenol resin is selected from the group consisting of octylphenol and nonylphenol.
9. (Currently Amended) The thermoplastic elastomer[[s]] composition as defined in claim 2, wherein the ethylene propylene terpolymer is present in amounts between 20 and 50 parts.

10. (Currently Amended) The thermoplastic elastomer[[s]] composition as defined in claim 2, wherein the isotactic polypropylene is present in amounts between 10 and 50 parts.
11. (Currently Amended) The thermoplastic elastomer[[s]] composition as defined in claim 2, wherein the mineral filler material[[s]] is present in amounts between 5 and 50 parts.
12. (Currently Amended) The thermoplastic elastomer[[s]] composition as defined in claim 2, wherein the mineral oil[[s]] is present in amounts between 10 and 50 parts.
13. (Currently Amended) The thermoplastic elastomer[[s]] composition as defined in claim 2, wherein the cross-linking catalyst is present in amounts between 0.1 and 2 parts.
14. (Currently Amended) The thermoplastic elastomer[[s]] composition as defined in claim 2, wherein the further comprising an alkyl phenol resin is present in amounts between 0.5 and 5 parts.
15. (Canceled)
16. (Currently Amended) A method for producing the thermoplastic elastomer[[s]] composition as defined in claim 1, comprising
 - 1a) mixing the syndiotactic polypropylene with the isotactic polypropylene and the PP and EPDM blend in the an intake area of a continuously operating double-screw mixer to obtain a melt with the highest possible homogeneity; and

2b) upstream of the screws, dynamically cross-linking the EPDM by adding ~~the a~~ cross-linking resin in the presence of a cross-linking catalyst.

17. (Currently Amended) ~~An article including seals and profiles A seal~~ comprising the thermoplastic elastomer[[s]] composition as defined in claim 1.
18. (Currently Amended) A method for producing the thermoplastic elastomer[[s]] composition as defined in claim 2, comprising
 - 1a) mixing ~~the syndiotactic polypropylene with the isotactic polypropylene and the ethylene propylene terpolymer PP and EPDM in the an~~ intake area of a continuously operating double-screw mixer to obtain a melt with the highest possible homogeneity; and
 - 2b) upstream of the screws, dynamically cross-linking the ~~EPDM ethylene propylene terpolymer~~ by adding ~~the a~~ cross-linking resin in the presence of the cross-linking catalyst.
19. (Currently Amended) ~~An article including seals and profiles A seal~~ comprising the thermoplastic elastomer[[s]] composition as defined in claim 2.
20. (New) The thermoplastic elastomer composition as defined in claim 1, wherein the syndiotactic polypropylene is present in amounts of between about 2 parts and about 4 parts.

21. (New) The thermoplastic elastomer composition as defined in claim 2, wherein the syndiotactic polypropylene is present in amounts of between about 2 and about 4 parts.
22. (New) The thermoplastic elastomer composition as defined in claim 1, wherein the maximum amount of syndiotactic polypropylene is about 4 parts.
23. (New) The thermoplastic elastomer composition as defined in claim 2, wherein the maximum amount of syndiotactic polypropylene is about 4 parts.